

California OES Weather Threat Briefing

Monday, July 15, 2019
9:00 AM PDT

Day 1: Areas of increased risk for heat impacts for inland valleys across Southern Region and the southern deserts

National Weather Service
*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



WEATHER KEY POINTS

07/15/19 - 07/21/19

Monday

- Dry and breezy afternoon conditions will create slightly elevated fire weather concerns for portions of Inland and Southern Regions
- Areas of increased risk for heat impacts for inland valleys across Southern Region and the southern deserts
 - Widespread heat risk level 2 - Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration
 - Localized areas of heat risk level 3 - High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
 - Temperatures
 - Inland valleys across Southern Region – High temperatures in the upper 90s to around 103.
 - Southern Deserts – High temperatures 112 to 116.
- Localized sundowner winds will develop for Santa Barbara County late this afternoon through tonight, with north winds of 20-30 mph with gusts 40-50 mph expected.

Tuesday-Sunday

- Dry and breezy afternoon conditions will create slightly elevated fire weather concerns for portions of Southern and Inland Regions
- A general cooling trend is expected, but areas of increased risk for heat impacts will linger for the southern deserts
 - Widespread heat risk level 2 - Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration
 - High temperatures 100 to 112. Low temperatures in the upper 70s to mid 80s.



CALIFORNIA WEATHER IMPACTS

07/15/19 - 07/21/19

<u>Hazards / Day</u>	MON	TUE	WED	THU	FRI	SAT	SUN
Non-Thunderstorm Damaging Winds	Southern						
Snow							
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Heat Risk	Southern	Southern	Southern	Southern	Southern	Southern	
Heavy Rain / Flash Flooding / Debris Flow							
Extreme Cold							



No Impacts



Minimal Impacts

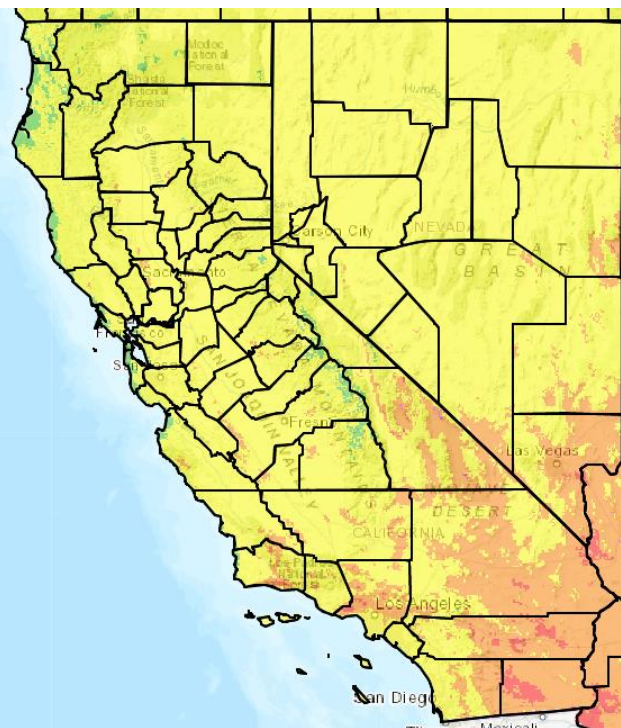


Moderate Impacts

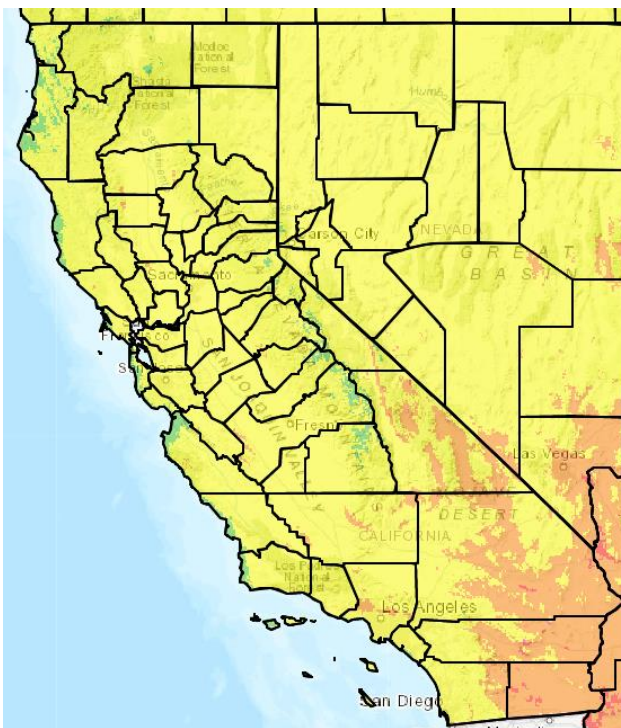


Severe Impacts

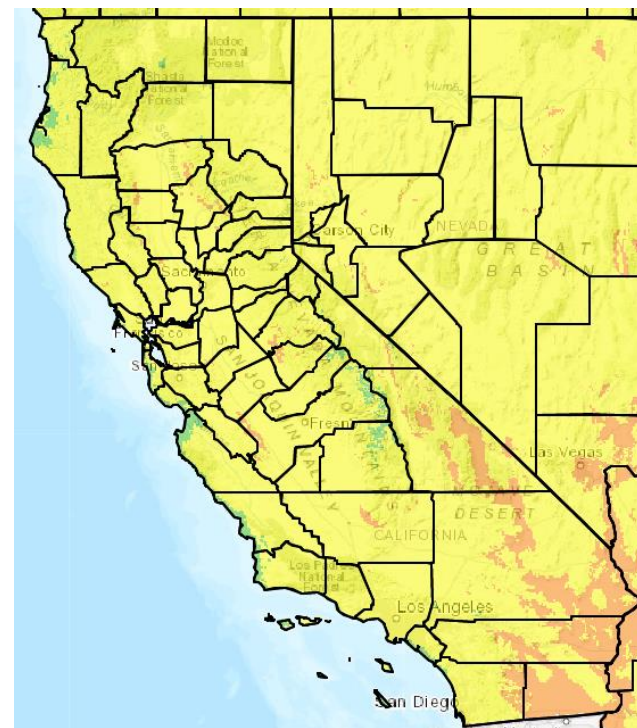
EXPERIMENTAL HEAT RISK FORECAST



Monday, July 15



Tuesday, July 16



Wednesday, July 17

Category	Level	Meaning
Green	0	No Elevated Risk
Yellow	1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Category	Level	Meaning
Red	3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	4	Very High Risk for entire population due to long duration heat, with little to no relief overnight

<https://www.wrh.noaa.gov/wrh/heatrisk/>



PRECIPITATION FORECAST

07/15/19 - 07/17/19

No significant precipitation is expected over the next 3 days

Precipitation (inches)



WEATHER OUTLOOK

07/20/19 - 07/28/19

6-10 Day Outlook (July 20 – July 24)

Temperatures

- Below normal temperatures favored across the Southern Region. Otherwise, equal chances of above or below normal temperatures.

Precipitation

- Equal chances of above normal or below normal precipitation across most the state.

8-14 Day Outlook (July 22 – July 28)

Temperatures

- Above normal temperatures favored across the state.

Precipitation

- Equal chances of above normal or below normal precipitation across most the state.



Information provided by:

**National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT**

Phone: (801) 524-7907

E-mail: wr.roc@noaa.gov

Web: <http://www.wrh.noaa.gov>

